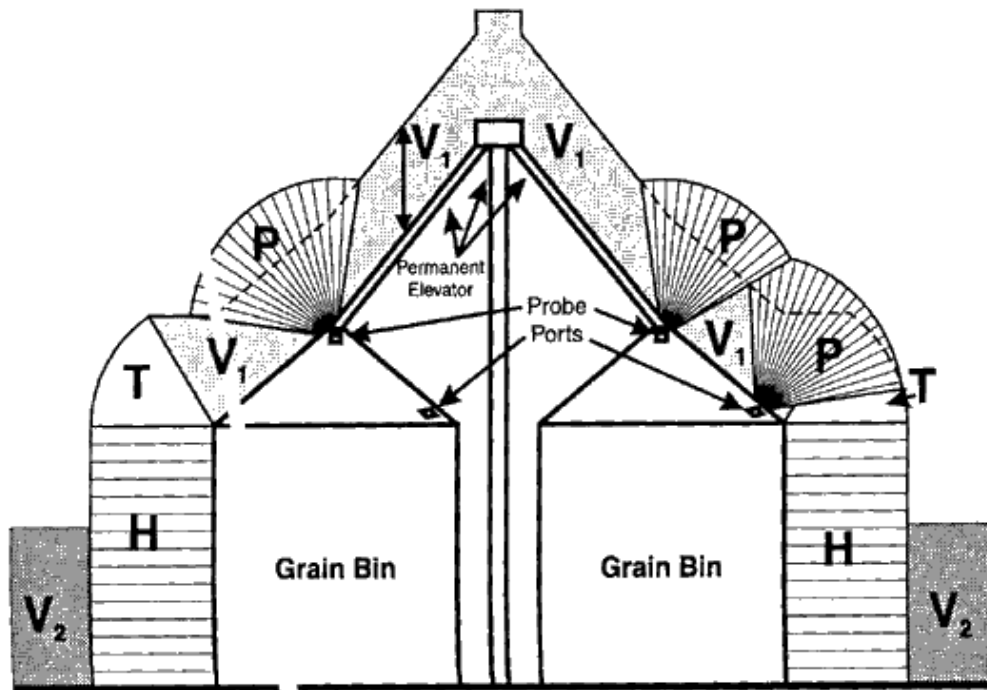


Proper Clearance Around Grain Bins

As your farm operation grows, electric safety needs to be included in expansion plans. If you are planning to locate a new grain bin (or move an existing one) at your farm, contact SWCE prior to starting construction. SWCE will work with you to stay compliance with the National Electric Safety Code (NESC) especially with clearances around grain bins filled by permanent installed augers, conveyors or elevators.

The drawings on this page show the specific clearances required by the NESC. If you have any questions about these clearance regulations, please contact SWCE Operations for help.

Bins Filled by Permanently Installed Augers, Conveyors, or Elevators



LEGEND

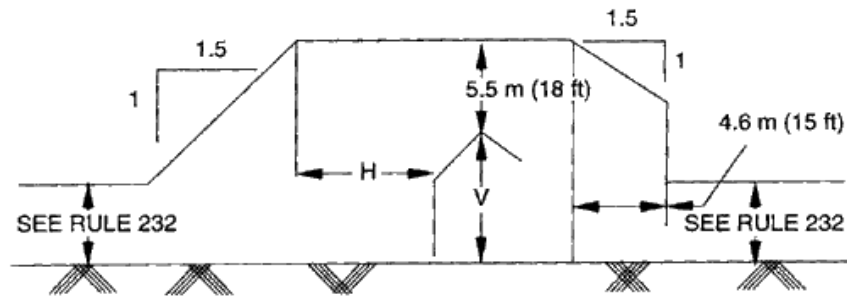
P = probe clearance of 5.5 m (18 feet)

H = horizontal clearance of 4.6 m (15 feet)

T = transition clearance

V1 = vertical clearance above a building required by Rule 234C (Table 234-1)

V2 = vertical clearance above land required by Rule 232C (Table 232-1 or 232-2)



V = HEIGHT OF HIGHEST FILLING OR PROBING PORT ON GRAIN BIN
 H = V + 5.5 m (18 ft)

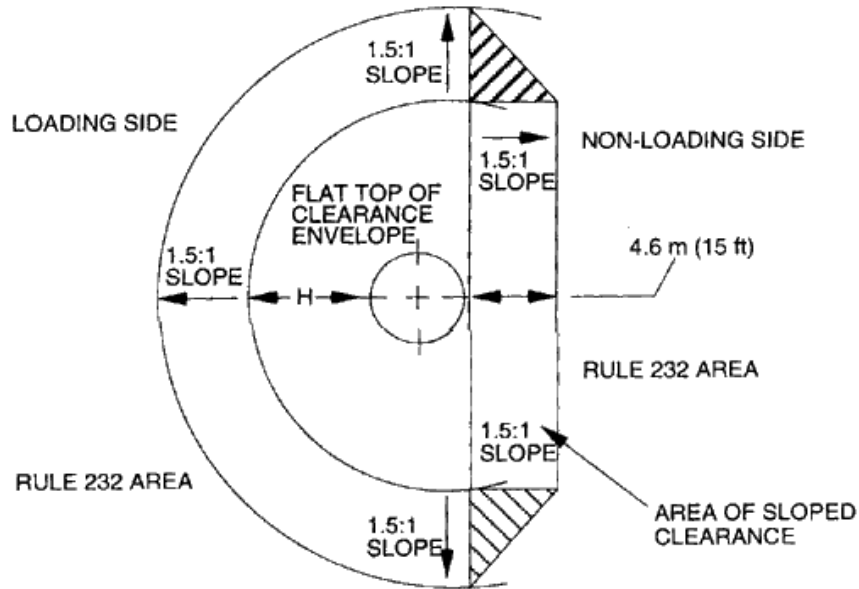
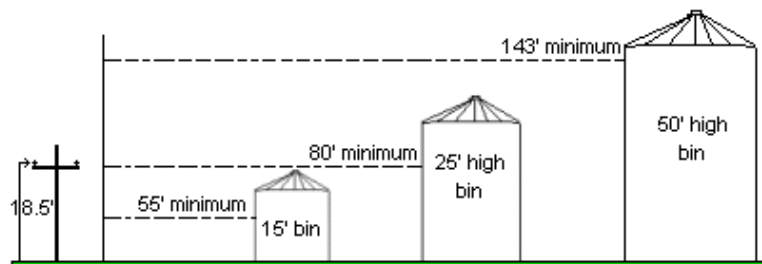


Fig 234-4(b)
Clearance Envelope for Grain Bins Filled by
Portable Augers, Conveyors, or Elevators

LEGEND

V = Height of Highest Filling or Probing Port on Grain Bin
 H = V + 5.5 m (18 feet)

Bins Filled by Portable Augers, Conveyors, or Elevators



LEGEND

V = Height of Highest Filling or Probing Port on Grain Bin
 H = V + 5.5 m (18 feet)